



“CROSS-OVERS”

Esquimalt Council March 2021

The Question

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Are the resources assigned to Esquimalt unfairly being used elsewhere (such as Downtown)?

Data for all of 2020 included in this analysis



Data Challenges.....

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incident_id	incident_start_date	incident_status	queued_time	time_received	dispatch_id	enroute_id	arrival_time	clear_time	clear_date
1232	2020-03-22	122747	R	122747	124134	124731	125327	153221	2020-03-22
4567	2020-03-31	140922	R	140922	160031	170145	170145	105505	2020-04-01
8912	2020-05-10	221636	R	221636	222149	222502	223534	31510	2020-05-11
3456	2020-06-02	45945	R	45945	50152	50309	51056	53034	2020-06-02

case_type_trans	priority	zone	grid	municipal	vehicle_id	vehicle_id	vehicle_id	total_dispatches
CHECK WELLBEING	2	ESA	ES0707	EQMT	VI5A21	VI5A22	VI5A21	3
MISSING PERSON	2	ESA	ES0701	EQMT	VI5A22	VI5A22	VI5A22	5
IMPAIRED	2	ESA	ES0700	EQMT	VI5A22	VI5A22	VI5A22	3
SUSPICIOUS PERSON	3	ESA	ES0703	EQMT	VI5D21	VI5A22		2

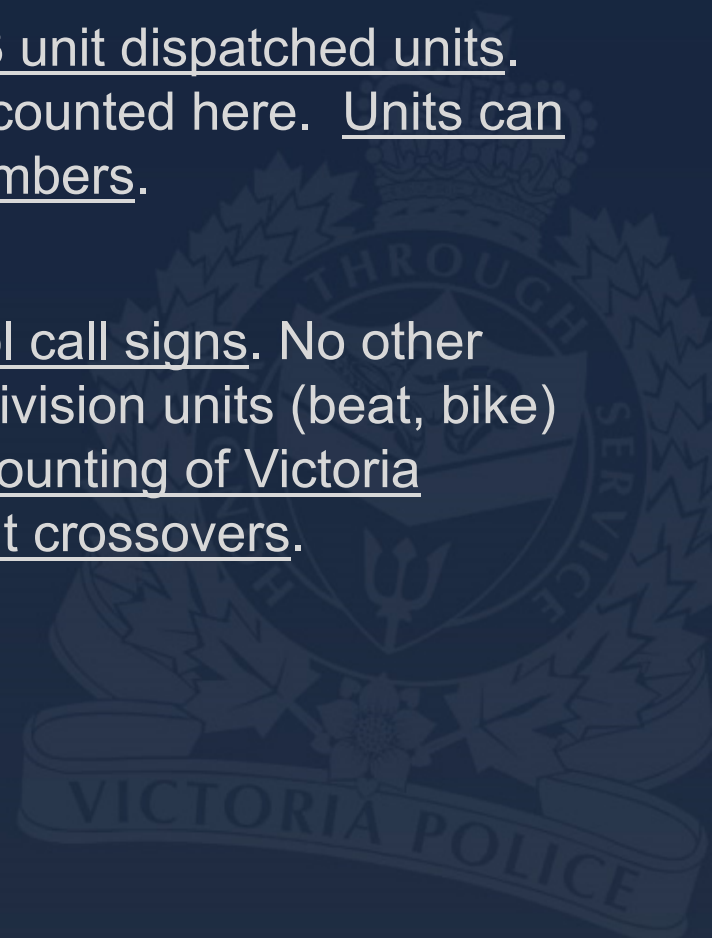
Assumptions and Limitations

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**Data analysis has several limitations as previously discussed.

**Numbers below represent only the first 3 unit dispatched units. Additional units beyond the first 3 are not counted here. Units can be counted multiple times, inflating the numbers.

**Numbers below are only units with Patrol call signs. No other shared resources (K9, traffic) or Victoria Division units (beat, bike) are included. This results in some under-counting of Victoria Division to Esquimalt Division dispatch unit crossovers.

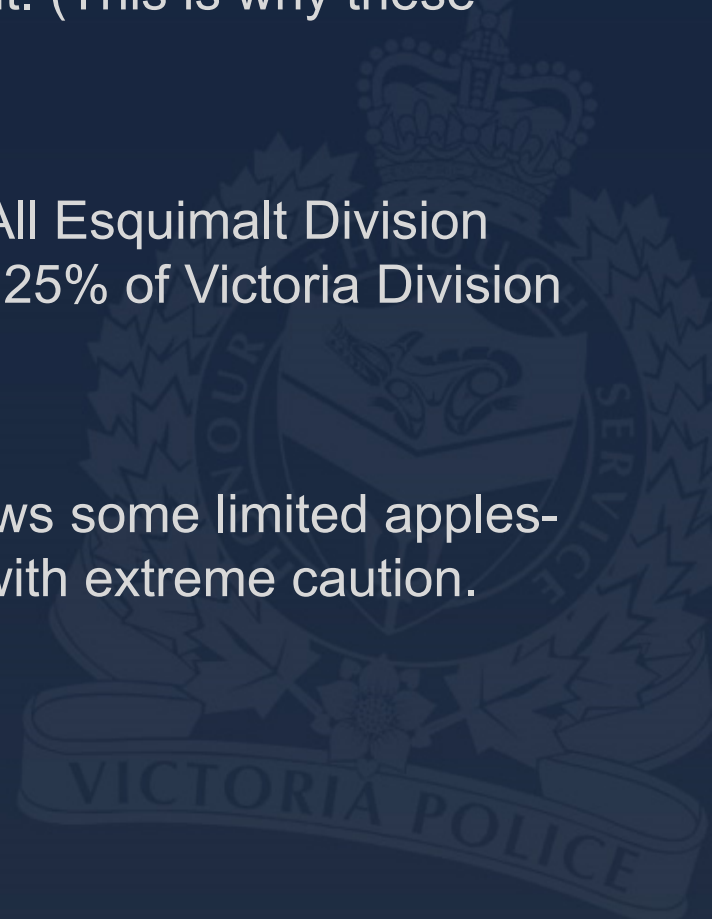


Assumptions and Limitations

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****Numbers below count only calls for service where at least 1 unit arrived. We cannot say, without manual analysis, how many, if any, additional units arrived beyond the first unit. (This is why these numbers may differ from others reported)**

- ****This process counts units, not officers. All Esquimalt Division units are 1 officer, whereas approximately 25% of Victoria Division units are 2 officers.**
- ****Limitations exist for whole dataset – allows some limited apples-to-apples comparison, but must interpret with extreme caution.**



Context

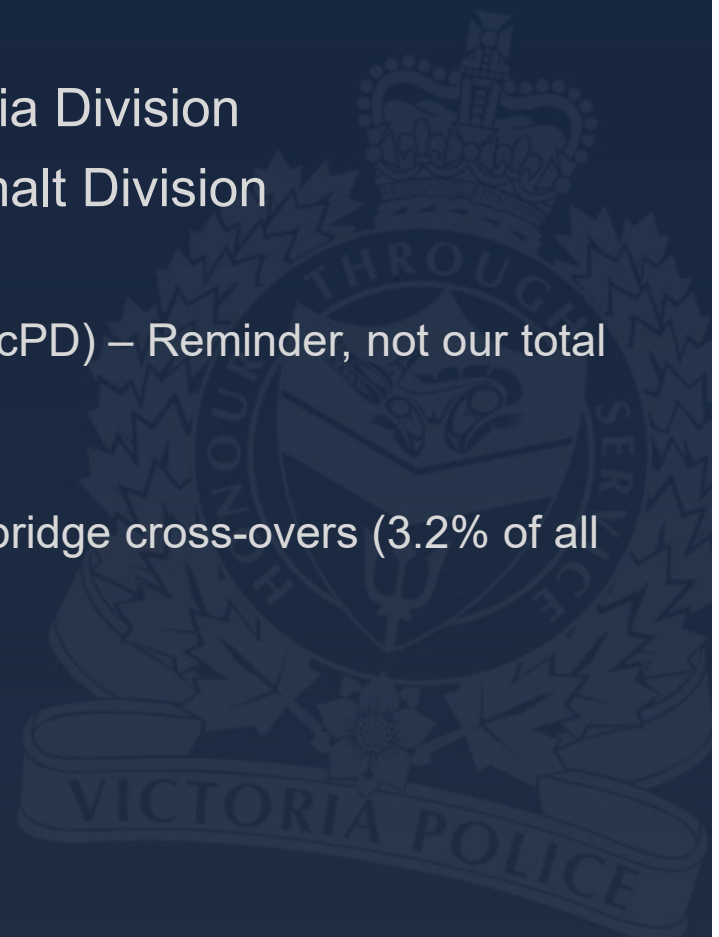
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52,988 police unit dispatches (only up to 3 units per incident) in the data set

- 44,750 unit dispatches within the Victoria Division
- 8,238 unit dispatches within the Esquimalt Division

145.2 average dispatched units per day (VicPD) – Reminder, not our total workload – represents Patrol only

1,929 unit crossovers between divisions – bridge cross-overs (3.2% of all unit dispatches)



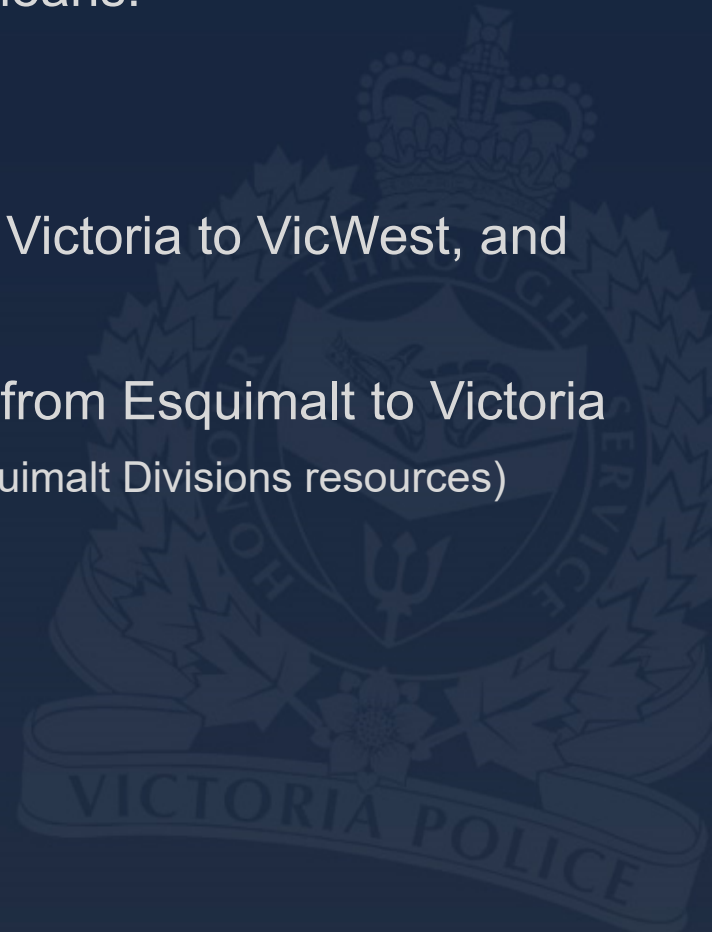
Results - Crossover (Controlled for VicWest)

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Controlling for VicWest means:

Removing dispatched unit crossovers from Victoria to VicWest, and

Counting 75% of dispatched unit crossovers from Esquimalt to Victoria
(This controls for VicWest “share” of deployed Esquimalt Divisions resources)



Results - Crossover (Controlled for VicWest)

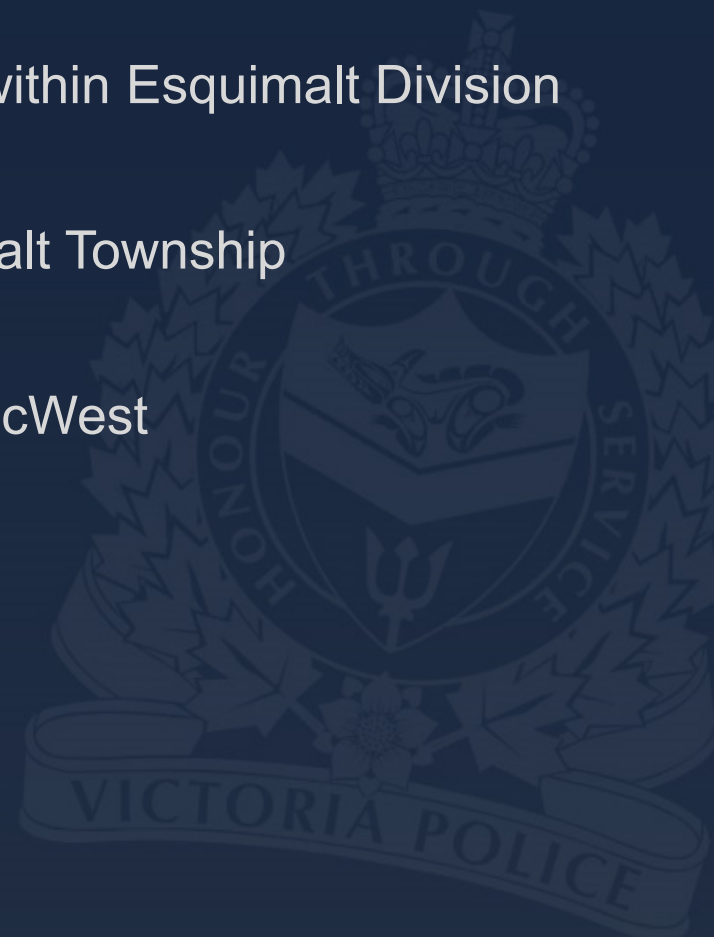
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- When controlled - 1313 dispatched unit crossovers
 - (2.2% of all unit dispatches)
- Victoria to Esquimalt Only – 426
 - (Average 1.2 per day)
- Esquimalt (controlled) to Victoria (ex. VicWest) – 887
 - (Average 2.4 per day)
- *In 2020, dispatched units assigned to Esquimalt (Township) “crossed over” 461 more times than Victoria units crossed to Esquimalt (Township).*

Results – Esquimalt Div to Esquimalt Div.

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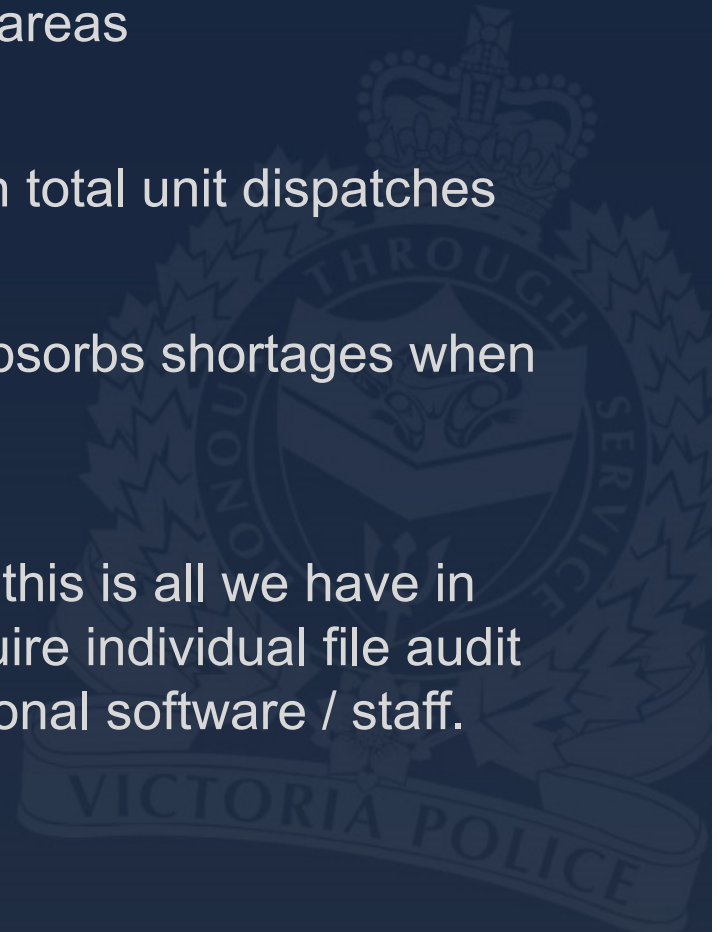
- Of the 7491 Esquimalt unit dispatches within Esquimalt Division
 - 71% (5284) were to Esquimalt Township
 - 29% (2207) were to VicWest



Conclusion

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- ❑ Conclusions are difficult with the available data but this analysis suggests how units are “shared” between areas
- ❑ Crossovers are low volume compared with total unit dispatches
- ❑ Esquimalt units resourced first. Victoria absorbs shortages when they occur.
- ❑ Must consider data limitations. Right now, this is all we have in terms of data. Additional detail would require individual file audit and/or direct access to full data and additional software / staff.



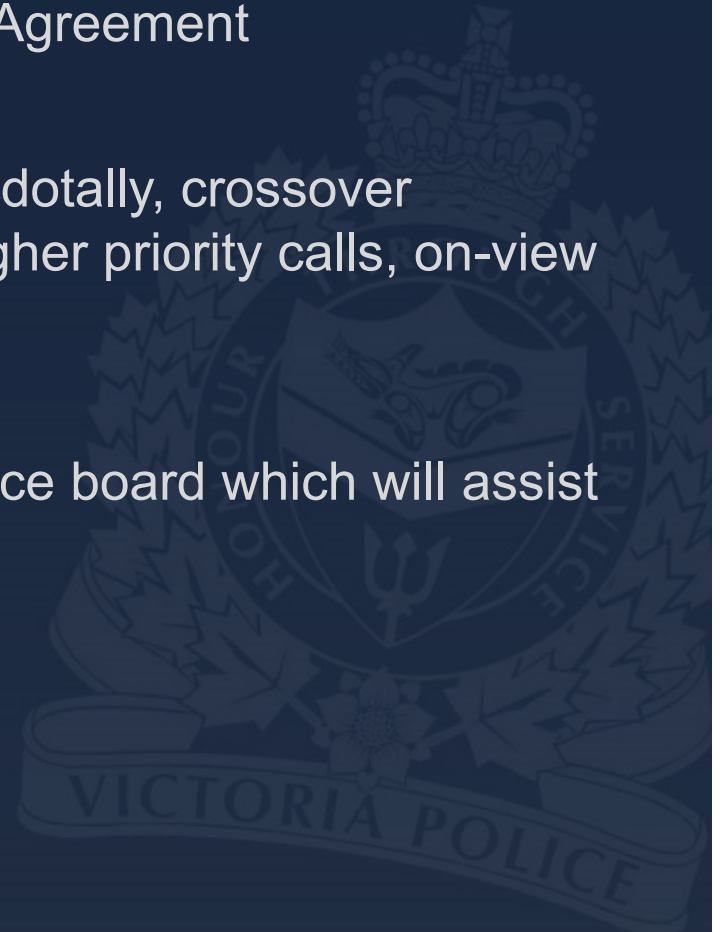
Conclusion

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Reminders given to staff about the importance of zone policing (Esquimalt / Victoria) based on Framework Agreement

We monitor radio channel frequently – anecdotally, crossover reasons appear to be substantially valid (higher priority calls, on-view incidents, or officer safety)

Recommendations already made to the police board which will assist with concerns (VicWest and supervision)



Questions

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